

Re: William D. Huse
Serial No.: 08/471,622
Filed: June 5, 1995
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Please delete pages 42-78 and substitute therefor
enclosed pages 42-85.

Please renumber pages 79-94 as pages 86-101.

IN THE CLAIMS:

Please cancel claims 34-65 without prejudice.

Please amend the claims as follows:

In claim 1, line 9, after the phrase "cloning site
for", please delete the word --containing--.

In claim 9, line 1, please delete "useful".

In claim 9, line 3, please delete the phrase "which
form heteromeric receptors".

In claim 11, line 1, please delete "expression
peptides" and substitute therefor --coexpression--.

In claim 11, line 2, before "fusion" please insert the
word --a--.

In claim 11, line 2, please delete "proteins" and
substitute therefor --protein--.

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In claim 12, line 1, please delete "9" and substitute
therefor --11--.

In claim 13, line 1, please delete "9" and substitute
therefor --12--.

Please add the following claims:

--80. (New) A composition of matter comprising a plurality of cells containing diverse combinations of first and second DNA sequences encoding first and second polypeptides which form heteromeric receptors, one or both of said polypeptides being expressed as fusion proteins on the surface of a cell.--

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--81. (New) A plurality of expression vectors containing a plurality of possible first and second DNA sequences encoding polypeptides which form a heteromeric receptor exhibiting binding activity toward a preselected molecule, said DNA sequence encoding heteromeric receptors being operatively linked to genes encoding surface proteins of a cell.--

REMARKS

Claims 1-79 are pending. Claims 34-65 have been canceled without prejudice. Claims 9 and 11-13 have been amended. The amendment to claim 9 is supported in the claim as filed and on page 5, lines 29-31. The amendment to claim 11 is similarly supported on page 5, lines 29-31. Claim 12 has been amended so as to depend on claim 11 and claim 13 has been amended